IAP13 Rec'd PCT/PTO 19 SEP 2006

FORM PTO 1390

(REV 5-93)

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES

DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A FILING UNDER 35 U.S.C. §371

International Application No.

PCT/EP2005/051241

ATTORNEY DOCKET NUMBER

2006_1381A

U.S. APPLICATION NO.

(If laws 1 sc 1) Cry 1.50

NEW

Priority Date Claimed

March 17, 2005

March 19, 2004

Title of Invention
ORGANIC COMPOUNDS

Applicant(s) For DO/EO/US Peter HEROLD et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. [X] This is a FIRST submission of items concerning a filing under 35 U.S.C. §371.
- 2. [] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. §371.
- 3. [X] This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
- 4. [X] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- 5. [X] A copy of the International Application as filed (in English) (35 U.S.C. §371(c)(2))
 - a. [] is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [X] has been transmitted by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US)
- 6. [] A translation of the International Application into English (35 U.S.C. §371(c)(2)).
- 7. [] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
 - a. [] are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [] have been transmitted by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [] have not been made and will not be made.
- 8. [] A translation of the amendments to the claims under PCT Article 19.
- 9. [X] An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)).
- 10. [] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

Items 11. to 14. below concern other document(s) or information included:

- 11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. [X] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13. [X] A FIRST preliminary amendment.
 - [] A SECOND or SUBSEQUENT preliminary amendment.
- 14. [X] Other items or information: (a) PCT Request; (b) Forms PCT/IB/306 (2) and 308; (c) published International application (WO 2005/090304) including International Search Report; (d) Solvias letter dated November 9, 2005 in response to Written Opinion with new set of claims 1-12 and pages with highlighted changes; and (e) International Preliminary Report on Patentability with amended sheets for claims 1-12.

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEE FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975.

TAP16 Rec'd PCT/PTO 19 SEP 2006 INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NO. PCT/EP2005/051241 2006 1381A CALCULATIONS PTO USE ONLY 15. [X] The following fees are submitted Basic National Stage Fee National Stage Search Fee (International Search Report provided - 37 CFR 1.492(b)(2))..... \$900.00 **ENTER APPROPRIATE BASIC FEE AMOUNT =** Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)). Number Filed Claims Number Extra 21 - 20 =X \$50.00 **Total Claims** \$50.00 Independent Claims 2 - 3 =0 X \$200.00 Multiple dependent claim(s) (if applicable) + \$360.00 \$360.00 \$1,310.00 TOTAL OF ABOVE CALCULATIONS = [] Small Entity Status is hereby asserted. Above fees are reduced by 1/2. \$1,310.00 SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$1,310.00 **TOTAL NATIONAL FEE =** Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ 40.00 \$1,350.00 **TOTAL FEES ENCLOSED =** Amount to be refunded \$ Amount to be charged a. [X] A check in the amount of \$1,350.00 to cover the above fees is enclosed. A duplicate copy of this form is enclosed. b. [] Please charge my Deposit Account No.23-0975 in the amount of \$_

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

19. CORRESPONDENCE ADDRESS

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September 19, 2006

[CHECK NO. 7625

A duplicate copy of this sheet is enclosed.

c. [] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0975.

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COPY

Dr. Paul Georg Maué Head of Patents

REGISTERED

Europäisches Patentamt D-80298 München Germany

TELEFAX To: +49 89 2399-4465 Page(s): 26

November 9, 2005

PCT patent application in the name of Speedel Experimenta AG

Application No.:

PCT/EP2005/051241 January 17, 2006

Due Date:

SP-P2092PC00

Our ref.:

Klybeckstr. 191 Postfach

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Ladies and Gentlemen

Please find below the comments relating to the amendments and the Written Opinion to be taken into account for the international preliminary examination. The demand is filed herewith; see enclosures.

A new set of claims 1 to 12 is enclosed. Said claims shall form the basis of the further procedure. In order to address the criticism with regard to novelty (inventive step) and the clarity of the originally filed claims, the following amendments have been carried out:

- a) the term prodrug at the end of claim 1 has been further defined as "which, on in vivo application, release a compound of formula (I) by a chemical or physiological process," based on the disclosure page 21, first lines of second paragraph, in addition said definition was put first followed by the "isotopes" and finally the "salts".
- b) the expression "in particular" has been deleted at the end of claim 1; c) the compounds having as R6 a "polycyclic, unsaturated hydrocarbon radical", either substituted (option A) or unsubstituted (option B) have been

deleted from claim 1 and made the object of a newly added independent claim 7;

d) the remaining claims (original claims 7 to 11) have been renumbered (now 8 to 12) and the referrals of claims 10 to 12 include claim 7 whereas the referrals in claims 8 and 9 have been left unchanged.

The amendments to claim 1 (and the addition of new claim 7), as outlined above, exclude any generic overlap with the prior art cited for claims 1 to 6 and 8 to 12. It is therefore assumed that novelty and inventive step will be recognized for said claims.

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In view of the time constraints during the international phase, the Examiner is invited to discuss any remaining issue also by telephone or to issue an intermediate Official Action.

Very truly yours,

Dr. Paul Georg Maué

European Patent Attorney

GA 47466

Enclosures: Demand

Claims 1 to 12 (pages 74-85; in addition pages 77, 78, 81, 84

and 85 with changes highlighted)